GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:2374
ANSWERED ON:06.03.2003
INVESTMENTS IN POWER PLANTS
M.H. AMBAREESH

Will the Minister of POWER be pleased to state:

(a) the investment made by the government in the power plants in the country during each of the last three years, State-wise;

(b) the total power generating capacities of each power project which are under construction in different States;

(c) whether acute power shortage in most of the states and particularly in Karnataka is going to hit the industrial growth very badly; and

(d) if so, the steps taken by the Government to make up for the shortage of power in future?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) : The details of expenditure incurred on various thermal and hydro projects in Central Sector during the last three years are given at Annex.

(b) : At present thermal power projects of 7300.36 MW capacity and hydro power projects of 13444 MW are under construction in the country.

(c) : During April-January,2003, Karnataka faced an energy shortage of 2653 MUs (10%) and peaking shortage of 526 MW(9.9%).

(d) : A capacity addition target of 41,110 MW has been fixed for 10th Plan. Effective mechanisms have been put in place to ensure timely completion of the projects and achievement of the targeted capacity during 10th Plan.

In addition to the benefits from new generating capacity, the power supply position is expected to further improve through :

? An additional capacity of 3000 MW is expected to come from renewable sources of energy.

? Undertaking energy conservation measures for which the Energy ConservationAct has been enacted and the Bureau of Energy Efficiency constituted.

? Reducing technical losses in distribution. The Accelerated Power Developmentand Reforms Programme (APDRP) is designed for the attainment of this objective.

? Undertaking Renovation and Modernisation(R&M) of existing power stationswhich combined with improved Operation and Maintenance practices would lead to higher availability and generation.

? Export of power from surplus to deficit region through the gradual development of a National Grid to optimize utilization of generating capacity on an all India basis.

? Installation of captive generating plants. The new Electricity Bill provides for aliberal framework for construction of captive power plants freely.

ANNEX

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO 2374 TO BE ANSWERED IN THE LOK S ON 6.3.2003.

Expenditure incurred on various thermal and hydro projects in Central Sector during the last three years.

(Rs in Crore)

Name of the project	Impl. Agency	1999-2000	2000-01	2001-02

Faridabad CCGT (1x143+144 MW)	NTPC	124.76	326.13	28.04
Unchahar TPS St. II (2x210 MW)	NTPC	203.96	70.67	9.03
Rihand STPS St. (2x500 MW)	NTPC	-	2.08	294.06
Vindhyachal STPP St.II (2x500 MW)	NTPC	297.53	217.65	114.15
Simahadri TPP (2x500 MW)	NTPC	624.16	896.88	772.52
Ramagundem STPP ST.III (1x500MW)	NTPC	Nil	0.65	182.58
Kayamkulam CCGT (2x115.3 (1x500MW) GT+119.4 ST)	NTPC	107.52	51.08	44.65
Neyveli TPS Exp-I (2x210 MW)	NLC	118.59	468.00	294.40
Talcher STPS St. II (2000 MW)	NTPC	368.20	653.81	1106.82
Mejia TPS Extn. (210 MW)	DVC		0.45	70.03
Dulhasti (3x130 MW)	NHPC	299.60	380.92	386.64
Chamera-II (3x100 MW)	NHPC	288.30	334.58	420.80
Parbati - II (4x200 MW)	NHPC	18.68	52.19	72.68
Nathpa Jhakri (6x250 MW)	NJPC	767.86	794.57	1068.92
Dhauliganga (4x70 MW)	NHPC	132.67	154.98	241.08
Tehri - I (4x250 MW)	THDC	337.51	426.30	993.88
Koteshwar (4x100 MW)	THDC	-	50.00	14.39
Sardar Sarovar (6x200+5x50 MW)	SSNNL	166.22	188.35	250.94
Indira Sagar (8x125 MW)	NHDC	377.30	82.69	186.37
Omkareshwar (8x65 MW)	NHDC	6.90	2.27	-
Teesta V	NHPC	29.23	124.33	177.54
Loktak D/S	NHPC	2.22	6.06	4.01
Kopili St.II	NEEPCO	4.75	19.63	24.26
Ranganadi	NEEPCO	177.33	230.40	122.12
Doyang	NEEPCO	172.42	48.88	21.33
Tuiria.l	NEEPCO	13.49	15.06	30.89